

20050130.ba v03_n763.bam.20050130

>From ???@??? Sun Jan 30 08:25:45 2005 -0600
Date: Sun, 30 Jan 2005 08:23:44 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3763
Message-Id: <20050130092227.473D640084@srvr1.theporch.com>

BOATANCHORS Digest 3763

Topics covered in this issue include:

- 1) RE: Please send PLAIN TEXT!
by "John Page" <k4kwm@hotmail.com>
- 2) TH-58 Transmitter Info
by Jerry Proc <jerry.proc@sympatico.ca>
- 3) Re: 600MRG> Firing-up Those Starpoint Channel Modems for LF.
by David Stinson <arc5@ix.netcom.com>
- 4) Good News on those LF SSB Modems
by David Stinson <arc5@ix.netcom.com>
- 5) FS: Ham Literature for Sale, Catalogs, Books, Manuals
by David Hollander <n7rk@cox.net>
- 6) Want to buy MD-7/ARC-5 plate modulator.
by Meyer Gottesman <wrecktech@yahoo.com>
- 7) Re: TH-58 Transmitter Info
by stuck in 50s <polepeeg@ba-watch.org>
- 8) Jurrassic Spectrum Analyzer f-s
by stuck in 50s <polepeeg@ba-watch.org>
- 9) Re: Want to buy MD-7/ARC-5 plate modulator.
by David Stinson <arc5@ix.netcom.com>
- 10) Getting Old Really Stinks.....
by David Stinson <arc5@ix.netcom.com>
- 11) Re: Want to buy MD-7/ARC-5 plate modulator.
by "Don Davis" <dxguy@earthlink.net>
- 12) Re: Getting Old Really Stinks.....
by Jerry Proc <jerry.proc@sympatico.ca>
- 13) Re: TH-58 Transmitter Info
by "Chris Bowne" <radiobwn@riconnect.com>
- 14) Re: Please send PLAIN TEXT
by W7QH0@aol.com
- 15) Japanese NC-173
by David Hollander <n7rk@cox.net>
- 16) RE: Rebuilding Canned Electrlytics
by "Orrin Bentz" <minmar@2z.net>
- 17) Re: Japanese NC-173
by "Hue Miller" <kargo_cult@msn.com>
- 18) RE: Rebuilding Canned Electrlytics

by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
19) RE: Rebuilding Canned Electrlytics
by wb3fau@att.net
20) Frontier Capacitor
by "Bob Kemp" <bkemp@bobkemp.com>
21) Re: Frontier Capacitor
by David Hollander <n7rk@cox.net>
22) Re: Frontier Capacitor
by john <johnmb@nc.rr.com>
23) Collins 75A4 distortion
by "Tom Rauch" <w8ji@contesting.com>

Message-ID: <BAY16-F40C862662520CB910D5E27E1790@phx.gbl>
From: "John Page" <k4kwm@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Please send PLAIN TEXT!
Date: Fri, 28 Jan 2005 21:23:28 +0000
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Most of their messages are unreadable here also. John

John Page K4KWM
Hollow State since 1953
(ex W8PKU, N8BLB, NA80)

>From: "Bill Hawkins" <bill@iaxs.net>
>Reply-To: <bill@iaxs.net>
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: RE: Please send PLAIN TEXT!
>Date: Fri, 28 Jan 2005 00:08:44 -0600
>
>Bob,
>
>That has not been my experience. Both WA5CAB and W7QHO came through
>as plain text from theporch. What else could be the problem?
>
>This is not to say that I've never seen the "fancy HTML" message,
>but not for the two that you saw.
>
>Bill Hawkins
>
>
>-----Original Message-----
>From: owner-boatanchors@theporch.com

>[mailto:owner-boatanchors@theporch.com]On Behalf Of Bob Roehrig
>Sent: Thursday, January 27, 2005 9:37 PM
>To: Old Tube Radios
>Subject: Please send PLAIN TEXT!
>
>
>
>A number of posts cannot be read on this reflector. What is received is a
>message saying that "This post contains a forbidden message format".
>It says to change your mailer to send plain text only. Two folks that
>sent such messages today were WA5CAB and W7QH0.

>
> Bob Roehrig
> Aurora University Telecom dept.
> broehrig@aurora.edu 73 de K9EUI
> 630-844-4898 fax 630-844-4222
> "Nostalgia is a thing of the past"
>

Message-ID: <41FB0374.873C1517@sympatico.ca>
Date: Fri, 28 Jan 2005 22:31:00 -0500
From: Jerry Proc <jerry.proc@sympatico.ca>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: TH-58 Transmitter Info
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Everyone,

Today, the identity of a transmitter in my document on Naval Radio
Station Aklavik became known.
Does any have a photo of a Canadian Marconi TH-58 transmitter or some
specs?
All I know is the frequency range which is 1.6 to 28 mHz.

--

Regards,
Jerry Proc VE3FAB
Toronto, Ontario
e-mail: jerry.proc@sympatico.ca
<http://jproc.ca>

Message-ID: <41FB4ADB.3030100@ix.netcom.com>

Date: Sat, 29 Jan 2005 02:35:39 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 600MRG> Firing-up Those Starpoint Channel Modems for LF.
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

OOPS-
Forgot to send the jumpered pins

> To put the unit on 184KC (chosen for sentimental sake :),
> set the switches #1 Off and #2 On.
> Jumper the following contacts of the Code Plug connector:

Pin #1 provides the -15 VDC programming voltage.
Jumper together pins 1, 3, 4, 5, 6, 7, 8 and 12.
This will put the card on 184KC.

The closest pre-programable channel to "our" 166.5KC
is 168KC. If you program for this and insert
a 1.5KC audio tone, you will get a carrier on 166.5KC.
If you use the onboard "rubbering" cap to tweak the
5.2MC reference oscillator, you can move the card down
enough to place the center of SSB intelligence on 166.5.
Program jumpers for 168KC:
Wire together pins 1, 3, 8, 9, and 12.

More later, including complete manual and diagrams.

73 Dave S.

Message-ID: <41FB4B50.3030307@ix.netcom.com>
Date: Sat, 29 Jan 2005 02:37:36 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Good News on those LF SSB Modems
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

After hearing from us, the gentleman has decided to relist
the cards with a very reasonable shipping fee.
He will have them back up shortly.

Message-ID: <41FBB54B.4050006@cox.net>

Date: Sat, 29 Jan 2005 16:09:47 +0000
From: David Hollander <n7rk@cox.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Ham Literature for Sale, Catalogs, Books, Manuals
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Been cleaning out the shack. Here are a bunch of ham radio books,
catalogs, etc. Prices do not include shipping. I will ship overseas.
Thanks for looking and happy new year

Dave N7RK

Description	Price	Condition
Radio Handbook (Bill Orr) 1956	\$25	Excellent - call of previous owner on inside covers
Radio Buyer's Sourcebook-1991 ARRL Book	\$6	Excellent
Practical Wire Antennas-RSGB Book	\$15	Excellent
Handbook of Semiconductor Electronics-1956	\$8	Excellent
Television Handbook (Sam's)-1959	\$8	Excellent
Heathkit Catalog Fall 1972	\$13	Excellent
Heathkit Catalog - Winter 84-85	\$10	Excellent
ARRL License Manual -1954	\$5	Excellent
Radio Shack Catalog-1963	\$15	Good back cover torn
ARRL Course in Radio Fundamentals-1948	\$10	Excellent
ARRL License manual -1957	\$5	Very Good
ARRL FM and Repeaters - 1972.....	\$8	Very Good
ARRL- The Mobile Manual for Radio Amateurs-1962.....	\$10	very Good
Fifty years of ARRL - 1964.....	\$15	Very Good - This book is a reprint of Historical Articles - a really neat book!
Your VHF Companion 1996 ARRL Book -	\$5	Excellent

Some of the paper cover books have a bit of wear on the covers but the insides are excellent unless indicated.

--

Dave N7RK Boatanchors Home Page: <http://members.cox.net/n7rk>
Phoenix, Arizona *DXCC Honor Roll* *WAZ#22 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector

Message-ID: <20050129162113.79336.qmail@web51001.mail.yahoo.com>

Date: Sat, 29 Jan 2005 08:21:13 -0800 (PST)

From: Meyer Gottesman <wrecktech@yahoo.com>

Subject: Want to buy MD-7/ARC-5 plate modulator.

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Want to buy:

MD-7/ARC-5 plate modulator/dynamotor for the ARC-5
command transmitters used in WW 2.

Should be in good, excellent or like new condition.
Must have all tubes and prefer with the dynamotor but
missing dynamotor is acceptable. Must not be missing
any covers or bottom plates.

The only mods. that are acceptable are rewiring of
heaters for 12.6 volts.

Bad finish okay but no dents or other signs of obvious
abuse.

Tel: (478)741-1710 in Macon, GA. Okay to call anytime.
My voice mail kicks in if I am online and my ans.
machine kicks in if I am simply out.

Email also FB, of course.

73,

Meyer Gottesman, W6GIV

Do you Yahoo!?
The all-new My Yahoo! - What will yours do?
<http://my.yahoo.com>

Date: Sat, 29 Jan 2005 11:43:45 -0500 (EST)
From: stuck in 50s <polepeeg@ba-watch.org>
Message-Id: <200501291643.j0TGhjgB005023@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: TH-58 Transmitter Info

Jerry the Technical Radio T-350XM rig was built, I think, for the British to replace that set which I was told was a MOPA with somethin like a 861 in final.

TechRad set 350W using 2 813s & 2 805s, etc. 6' high &, for US, an odd 17" width. Have fotos.

Might help.

Marty

Date: Sat, 29 Jan 2005 12:00:07 -0500 (EST)
From: stuck in 50s <polepeeg@ba-watch.org>
Message-Id: <200501291700.j0TH07c4005066@fracas.netboobie.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Cacutts@mindspring.com
Subject: Jurrassic Spectrum Analyzer f-s

A LaVoie AN/UPM-110. 10hmz to 1kmhz (gig), 115V

Very clean 250# beast that comes w. cabinet that houses it's heaaaaavy 2 sections.

All doc.s, & makes nice green o'scope worms PLUS, PLUS... shows 2m HT in right place on screen

\$170 FOB Atlanta. OBO

Outstanding prop in upcoming re-make of "When the Worlds Collide."

Klatu mirabile

Marty

Message-ID: <41FBC560.9080102@ix.netcom.com>
Date: Sat, 29 Jan 2005 11:18:24 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Want to buy MD-7/ARC-5 plate modulator.
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Meyer Gottesman wrote:

> Want to buy:
>
> MD-7/ARC-5 plate modulator/dynamotor for the ARC-5
> command transmitters used in WW 2.....
> The only mods. that are acceptable are rewiring of
> heaters for 12.6 volts.

I have one like this and it is a shining example of
the folly of this sort of "modification."
This person went to the trouble to rewire the filaments
for 12 VDC and even changed the 12-pin connector to
one that fits an SCR-274N plug. I wonder how he felt
when he fired it up and found that the relays
in the modulator won't pull in at 12 VDC.
The result? Wasted time, wasted money and
a once-good modulator tossed into the junk pile.

D.S.

Message-ID: <41FC02AC.10508@ix.netcom.com>
Date: Sat, 29 Jan 2005 15:39:56 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Getting Old Really Stinks.....
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I printed out a mailing label for
Don Butterly of Abington, PA.
Obviously, I was going to send him something.
I just can't remember what.....
sigh.....

Message-ID: <005101c50658\$e32d1b40\$d8908304@hppav>
From: "Don Davis" <dxguy@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Want to buy MD-7/ARC-5 plate modulator.
Date: Sat, 29 Jan 2005 15:18:36 -0800
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How much are you offering? Never heard anything back from you re: GP unit you wanted @ \$500.

----- Original Message -----

From: "Meyer Gottesman" <wrecktech@yahoo.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Saturday, January 29, 2005 8:21 AM
Subject: Want to buy MD-7/ARC-5 plate modulator.

> Want to buy:
>
> MD-7/ARC-5 plate modulator/dynamotor for the ARC-5
> command transmitters used in WW 2.
>
> Should be in good, excellent or like new condition.
> Must have all tubes and prefer with the dynamotor but
> missing dynamotor is acceptable. Must not be missing
> any covers or bottom plates.
>
> The only mods. that are acceptable are rewiring of
> heaters for 12.6 volts.
>
> Bad finish okay but no dents or other signs of obvious
> abuse.
>
> Tel: (478)741-1710 in Macon, GA. Okay to call anytime.
> My voice mail kicks in if I am online and my ans.
> machine kicks in if I am simply out.
>
> Email also FB, of course.
>
> 73,
>
> Meyer Gottesman, W6GIV
>

Message-ID: <41FC3E0B.E4379648@sympatico.ca>
Date: Sat, 29 Jan 2005 20:53:16 -0500
From: Jerry Proc <jerry.proc@sympatico.ca>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Getting Old Really Stinks.....
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Stinson wrote:

> I printed out a mailing label for
> Don Butterly of Abington, PA.
> Obviously, I was going to send him something.
> I just can't remember what.....
> sigh.....

Been there...done that.

My Forgetter Be Forgotten

=====

My forgetter's getting better,
But my rememberer is broke
To you that may seem funny
But, to me, that is no joke

For when I'm "here" I'm wondering
If I really should be "there"
And, when I try to think it through,
I haven't got a prayer!

Oft times I walk into a room,
Say "what am I here for?"
I wrack my brain, but all in vain!
A zero, is my score.

At times I put something away
Where it is safe, but, Gee!
The person it is safest from
Is, generally, me!

When shopping I may see someone,
Say "Hi" and have a chat,
Then, when the person walks away
I ask myself, "who was that?"

Yes, my forgetter's getting better

While my rememberer is broke,
And it's driving me plumb crazy
And that isn't any joke.

--

Regards,
Jerry Proc VE3FAB
Toronto, Ontario
e-mail: jerry.proc@sympatico.ca
<http://jproc.ca>

Date: Sat, 29 Jan 2005 21:54:34 -0500
Message-Id: <200501292154.AA2302607530@ricconnect.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
From: "Chris Bowne" <radiobwn@ricconnect.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: TH-58 Transmitter Info

"Odd" 17 inch width of the TechRad mentioned on this thread might have been to make it "hatchable" for submarine installations.

73,
Chris Bowne, AJ1G
Stonington,CT

Date: Sat, 29 Jan 2005 23:07:40 -0500
From: W7QH0@aol.com
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Please send PLAIN TEXT
MIME-Version: 1.0
Message-ID: <52A57FBC.1851B4F6.0000F8E2@aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

In a message dated 1/29/05 7:28:01 PM, misheb@execpc.com writes:

Dennis: Your email's come through as plain text. WA5CAB's are always blocked. Go figure?! The "Forbidden message format" is coming from the Porch, not from my ISP.

Gary,

That's weird! I presume mine show up with the "Forbidden message format" complaint at the bottom?

Actually, there is a way to send plain text only from AOL. One can log into "AOL on the WEB" which is klunky and inconvenient to use but only sends out plain text (at least until the next release, maybe). Guess I'll go this route from now on to alleviate heartburn in certain quarters. Didn't realize people were that interested in what I have to say, HI!

Dennis D. W7QH0
Glendale, CA

Message-ID: <41FC605E.2070804@cox.net>
Date: Sun, 30 Jan 2005 04:19:42 +0000
From: David Hollander <n7rk@cox.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Japanese NC-173
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Thought this was interesting... a Japanese NC-173

<http://www.noobowsystems.com/restorations/crv-1/crv-1.html>

Enjoy,

Dave N7RK

--

Dave N7RK Boatanchors Home Page: <http://members.cox.net/n7rk>
Phoenix, Arizona *DXCC Honor Roll* *WAZ#22 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector

Message-ID: <016d01c50686\$95dbee10\$0200a8c0@orrin34105f2f7>
From: "Orrin Bentz" <minmar@2z.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Rebuilding Canned Electrltyics
Date: Sat, 29 Jan 2005 22:45:54 -0600
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Greetings

Sometime ago I think on this list there was a thread on someone or some small company that rebuilds canned electrolytics back into original like condition. Does anyone know who this rebuilder is?

I know I can cut the bottoms out of the cans, clean the gook out and insert axial lead tubulars but I would like to checkout the rebuilding thing first.

I am putting together a fairly large order of caps for recapping radios and test equipment. I tried going with Justradios.com with their low prices but their selection is limited and would force to me to split the order between two or three vendors. So I am eating the higher cost & getting them all from Antique Electronic Supply unless someone has a BETTER idea. All help and suggestions are welcome.

Thank you

Orrin Bentz

Message-ID: <BAY5-DAV269C44924D36CDF5D1D37AE47B0@phx.gbl>
From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Japanese NC-173
Date: Sat, 29 Jan 2005 21:58:43 -0800
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "David Hollander" <n7rk@cox.net>

> Thought this was interesting... a Japanese NC-173
>
> <http://www.noobowsystems.com/restorations/crv-1/crv-1.html>

1. Very thoro article on the radio (altho in Japanese). Even conclusions on audio quality trying different brands of output tubes. Very detailed stage voltage charts.

2. Too bad Lafayette didn't import this kit!! -Hue Miller

From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Rebuilding Canned Electrlytics
Date: Sun, 30 Jan 2005 18:35:17 +1100
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit
Message-Id: <20050130023415.D4774400F7@srvr1.theporch.com>

-----Original Message-----
From: Orrin Bentz

Sometime ago I think on this list there was a thread on someone
or some small company that rebuilds canned electrolytics back into
original like condition.

I know I can cut the bottoms out of the cans, clean the gook out and
insert axial lead tubulars but I would like to checkout the rebuilding thing
first.

*** That is the rebuilding process!!!!

Brian Goldsmith.

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
Subject: RE: Rebuilding Canned Electrlytics
Date: Sun, 30 Jan 2005 13:28:40 +0000
Message-Id:
<013020051328.10353.41FCE107000E51530000287121587667209A0E00CC0D99@att.net>

You may want to contact Frontier Capacitor, [sorry- I don't have
a QTH or phone or website]. I think they do rebuilds. If not
them, I think someone else does this. There is a demand for this
from the renevation purists out there. Russ.

Message-ID: <00a201c506d0\$e1b002a0\$6401a8c0@radio>
From: "Bob Kemp" <bkemp@bobkemp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Frontier Capacitor
Date: Sun, 30 Jan 2005 07:37:45 -0600
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You're probably talking about Frontier
Capacitor up in North Dakota. Everett ?.
I had one of his brochures here at one time
but can't put my fingers on it at the
moment.
He's rebuilt a cap for a 75A3 one time -
actually never ended up using it so I still
have it.
He does nice work.
Bob

Message-ID: <41FCE327.6060503@cox.net>
Date: Sun, 30 Jan 2005 13:37:43 +0000
From: David Hollander <n7rk@cox.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Frontier Capacitor
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I believe Frontier is now closed. He was in his 80's and was retiring. I
received a flyer last year that announced this

Dave N7RK

--

Dave N7RK Boatanchors Home Page: <http://members.cox.net/n7rk>
Phoenix, Arizona *DXCC Honor Roll* *WAZ#22 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector

Message-Id: <3.0.3.32.20050130090814.0207e878@pop-server.nc.rr.com>

Date: Sun, 30 Jan 2005 09:08:14 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: john <johnmb@nc.rr.com>

Subject: Re: Frontier Capacitor

Cc: Old Tube Radios <boatanchors@theporch.com>

Mime-Version: 1.0

Content-Type: multipart/mixed; x-avg-checked=avg-ok-574F5F47;
boundary="====4FC73DCD===="

--====4FC73DCD=====

Content-Type: text/plain; x-avg-checked=avg-ok-574F5F47; charset=us-ascii

Content-Transfer-Encoding: 8bit

Actually I think he "unretired".... I seem to remember seeing him
at the Charlotte AWA fest a year ago.

Here's an old cite, worth a call! He's a fine gentleman to do business
with.

Capacitor can rebuilding, now with rapid return of your rebuilt can. Any
twist-lock can rebuilt for \$30, up to four section. Maximum 450 volt at that
price. Nut mounted cans \$20 single section, for multi-section add \$2 per
section on nut mounted cans only. Shipping add \$4 per order for Priority &
insured shipping via PO. Rebuilt cans returned only after receipt of check,
money order, or credit card info. Our guarantee on all rebuilt cans, 1 year.
We will test any can for leakage and capacitance, at correct voltage, for
\$2. Frontier Capacitor, PO Box 218, Lehr, ND 58460 or 403 S. McIntosh, UPS.
Toll free (877) 372-2341. Ph.: (701) 378-2341. Fax: (701) 378-2551, voice
mail recording anytime

At 01:37 PM 1/30/05 +0000, David Hollander wrote:

>

>I believe Frontier is now closed. He was in his 80's and was retiring. I

>received a flyer last year that announced this

>

>Dave N7RK

>--

>*****

>Dave N7RK Boatanchors Home Page: <http://members.cox.net/n7rk>

>Phoenix, Arizona *DXCC Honor Roll* *WAZ#22 - 75 Meter SSB*

>

>ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

>

>Boatanchor and Antique Radio Collector

>

>
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>
>Checked by AVG anti-virus system (<http://www.grisoft.com>).
>Version: 6.0.727 / Virus Database: 482 - Release Date: 7/26/04
>

--=====4FC73DCD=====

Content-Type: text/plain; charset=us-ascii; x-avg=cert; x-avg-checked=avg-ok-574F5F47

Content-Disposition: inline

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--=====4FC73DCD=====

Message-ID: <002301c506d7\$4e81ec80\$6401a8c0@akorn.net>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Collins 75A4 distortion
Date: Sun, 30 Jan 2005 09:23:45 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hope everyone in my area of the country is enjoying the weather. I'm on generator power, and have been for nearly a day now. While waiting to repair broken wires and ropes and bent aluminum in my antennas, I have a warm indoor project.

I have a 75A4 I bought at Lawrenceville that was "working perfectly" according to the seller, but naturally has a problem. It has moderately nasty distortion on AM and SSB signals. One other bug-a-boo, maximum notch depth of the T occurs when the notch balance pot is cranked all the way to the stop. Notch depth looks good.

I traced the problem down to the 12AT7 Q-multiplier stage. Waveform is great going into that stage, but it has limiting on negative going peaks of each RF cycle. Voltages look good on that stage, and of course I've both tested and subbed out

the tube. If I bypass that stage and dump the IF signal coming over from the filters right through the notch filter I get a good null and nice clean signals and audio, so the 12AT7 is almost certainly the focal point.

The distortion is what you might expect to hear if you have a diode clipping negative going halves of the IF waveform. I can clearly understand what people are saying but I hear a distortion that sounds exactly like it would with an IF stage just slightly into overload or clipping.

My schematic shows a 12AX7, but my radio's chassis clearly says 12AT7.

Anyone ever have or hear of anything similar??

73 Tom

End of BOATANCHORS Digest 3763
